

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	4
		Reactivity	0
		Personal Protection	b
Common / Trade name	ALPHADYNE PLUS DISINFECT.DEOD.	TDG	Class 2.1
WHMIS	A, B5, D2B	PIN	UN1950 AEROSOLS, flammable
Code	1984	PG	X
Material uses	Industrial applications: Disinfectant / Deodorant		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Ethanol	64-17-5	50.16	Not available.	ORAL (LD50): Acute: 7060 mg/kg [Rat.].
Tryethylene glycol	112-27-6	1 - 5	Not available.	Not available.
Propylene glycol monomethyl ether	107-98-2	1 - 5	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat.]. DERMAL (LD50): Acute: 13000 mg/kg [Rabbit.].
Phenylphenol (ortho-)	90-43-7	0.1 - 1	Not available.	Not available.
p-tert-Amylphenol	80-46-6	0.03	Not available.	Not available.

Section III. First Aid Measures

Eye contact	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation persists, seek medical attention.
Skin contact	Wash with soap and water.If irritation persists, get medical attention.
Inhalation	Allow to rest in a well ventilated area.If discomfort persists seek medical attention.
Ingestion	If ingested, do not induce vomiting. Have conscious person drink several glasses of water. Seek medical advice immediately.

Section IV. Physical Data

Physical state and appearance	Liquid (Aerosol Concentrate)	Colour	Colorless.
pH (1% soln/water)	Neutral.	Odour	Mild fragrance.
pH (concentrate)	Not available.	Volatility	Not available.
Boiling point	Not available.	Vapour density	> 1 (Air = 1)
Specific gravity	0.84 to 0.87 (Water = 1)	Vapour pressure	Not applicable.
Solubility	Easily soluble in cold water, hot water.		

Section V. Fire and Explosion Data

The product is	Flammable.
Auto-ignition temperature	Not available.
Flash points	Not available.
Degradation products	These products are carbon oxides (CO, CO ²).
Extinguishing media	SMALL FIRE: Use DRY chemicals, CO ₂ , water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	With open flames and sparksIncompatible with strong oxidizing materials, strong acids, and strong alkalis.

Section VII. Toxicological properties

Route of entry	Inhalation, Skin contact, Eye contact, Ingestion.
Toxicity for animals	See section II
Acute effects	Hazardous in case of inhalation. Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion.
Chronic effects	CARCINOGENIC EFFECTS: None. TETRATOGENIC EFFECTS: None. MUTAGENIC EFFECTS: None. REPRODUCTIVE EFFECTS: None. The substance is not toxic for the reproductive system.Repeated or prolonged contact with irritants may cause dermatitis.

Section VIII. Preventive measure

Waste disposal Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local and federal regulations.

Storage Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Precautions Keep away from heat. Keep away from sources of ignition. Do not breathe gas/fumes/ vapor/spray. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

Spill and leak Try to stop the gaseous leak by taping the container with an appropriate material (tape, stretched plastic).

Section IX. Personal protective equipment

Gloves Gloves (impervious)

Respiratory In case of insufficient ventilation, wear suitable respiratory equipment.

Eyes Safety glasses.

Other Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Eng. controls Ventilation is normally required when handling or using this product.

Section X. Preparation and other Information

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS Hazardous Materials Identification System

WHMIS WHMIS Workplace Hazardous Materials Information System

TDG Transport Dangerous Goods

PIN Product Identification Number

PG Packaging Group
